



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4 D.J. 8-12-02
PATENT
Att'y Dkt: 12177/59503
Re amdt / B

In the Application of: WANG, Li-Chun

Serial Number: 09/893,869

Filing Date: June 29, 2001

Title: Wireless Communications Cellular
Architecture for Improving
Communications Resource Allocation

Group Art Unit: 2745 (anticipated)

Examiner: D. Nguyen (anticipated)

COMMISSIONER FOR PATENTS
Washington, DC 20231

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SECOND PRELIMINARY AMENDMENT

SIR:

Preliminary to examination of the above-identified application, and in addition to the amendments contained within the Preliminary Amendment filed on June 29, 2001, please amend the application as follows:

In the Claims:

Please add the following new claims:

30. (New) A wireless communication system, comprising:
- a plurality of frequency sets;
 - a plurality of cell clusters, each cell cluster consisting of four cells, each cell consisting of three sectors, each sector having one of the plurality of frequency sets assigned thereto; and
 - wherein the plurality of frequency sets are assigned to each cell cluster to create a frequency reuse factor of two.
31. The wireless communication system of claim 30, wherein the plurality of frequency sets consists of six frequency sets.
32. The wireless communication system of claim 30, wherein each of the plurality of frequency sets is assigned to two sectors within each cell cluster.